



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

test am
Week 243

DATE: February 24, 2012
SUBJECT: Region III Data QA Review
FROM: Colleen Walling *Colleen Walling*
Region III ESAT RPO (3EA20)
TO: Rich Fetzer
Remedial Project Manager (3HS31)

Attached is the organic data validation report for the Dimock Residential Groundwater site (DAS#: R33917; Case #: 480-15814-1) completed by the Region III Environmental Services Assistance Team (ESAT) contractor under the direction of Region III EAID.

If you have any questions regarding this review, please call me at (410) 305-2763.

Attachment

TO: #0042 TDF: 02097 Data Validation
TO: #0042 TDF: #02085 Sample log-in processing

cc: Gene Nance (Techlaw)
Suddha Graves (Techlaw)

OFFICE OF ANALYTICAL SERVICES AND QUALITY ASSURANCE

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LOCKHEED MARTIN
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Date: February 22, 2012
Subject: Organic Data Validation (M3 Level)
Case: R33917
Project: 480-15814-1
Site: Dimock

From:

Redacted

To: Colleen Walling
ESAT Region 3 Project Officer

OVERVIEW

Third party Case R33917, Project 480-15814-1, consisted of twenty (20) aqueous samples including three (3) field blanks and one (1) rinsate blank analyzed for ethylene glycol, diethylene glycol, triethylene glycol, 2-methoxyethanol and 2-ethoxyethanol. Samples were analyzed by TestAmerica Buffalo (TAL BUF) according to Test Methods for Evaluating Solid Waste SW-846 Method 8015B.

SUMMARY

Data were validated according to Region 3 Modifications to the National Functional Guidelines for Organic Data Review, Level M3 and is assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual). Areas of concern with respect to data usability are listed below.

MAJOR PROBLEM

- Peaks were detected in the GC/FID Method 8015B glycols analysis within the retention time window of target compounds diethylene glycol and triethylene glycol. However, the positive identification of these target compounds was not confirmed via second GC column and/or GC/MS analysis. For this reason, the target compounds were qualified "R" on the Data Summary Forms (DSFs) as their absolute identity could not be proven.

SAMPLE SUMMARY

Client: Techlaw, Inc

Job Number: 480-15814-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-15814-1	EB02	Water	02/05/2012 1500	02/07/2012 1015
480-15814-2	FB08	Water	02/01/2012 1445	02/07/2012 1015
480-15814-3	FB09	Water	02/02/2012 1015	02/07/2012 1015
480-15814-4	FB10	Water	02/03/2012 1409	02/07/2012 1015
480-15814-5	HW09	Water	02/03/2012 1520	02/07/2012 1015
480-15814-6	HW09-P	Water	02/03/2012 1516	02/07/2012 1015
480-15814-7	HW28A	Water	02/03/2012 1149	02/07/2012 1015
480-15814-8	HW28A-P	Water	02/03/2012 1152	02/07/2012 1015
480-15814-9	HW28B-P	Water	02/03/2012 1427	02/07/2012 1015
480-15814-10	HW39	Water	02/03/2012 1442	02/07/2012 1015
480-15814-11	HW39-P	Water	02/03/2012 1113	02/07/2012 1015
480-15814-12	HW40	Water	02/02/2012 1539	02/07/2012 1015
480-15814-13	HW40-P	Water	02/02/2012 1544	02/07/2012 1015
480-15814-14	HW41	Water	02/02/2012 1612	02/07/2012 1015
480-15814-15	HW41-P	Water	02/02/2012 1554	02/07/2012 1015
480-15814-16	HW42	Water	02/02/2012 1028	02/07/2012 1015
480-15814-17	HW42Z	Water	02/02/2012 1029	02/07/2012 1015
480-15814-18	HW45	Water	02/06/2012 1028	02/07/2012 1015
480-15814-18MS	HW45	Water	02/06/2012 1028	02/07/2012 1015
480-15814-18MSD	HW45	Water	02/06/2012 1028	02/07/2012 1015
480-15814-19	HW46	Water	02/02/2012 1139	02/07/2012 1015
480-15814-20	HW46-P	Water	02/02/2012 1124	02/07/2012 1015

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39 ↑ already sent